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TI Controlled-release microbicides coated with hydrophobic silica powd rs

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AB The title microbicides comprise microbicide-contg. droplets coated with hydrophobic ultrafine SiO<sub>2</sub> powders. SiO<sub>2</sub> (prepd. from SiCl<sub>4</sub>) with sp. surface area 200 m<sup>2</sup>/g was treated with 12 wt.% Me<sub>2</sub>SiCl<sub>2</sub> at 200.degree. to prep. a hydrophobic SiO<sub>2</sub> powder. An emulsion of (EtO)<sub>3</sub>Si(CH<sub>2</sub>)<sub>3</sub>NHC(:NH)NHC(:NH)NHC6H<sub>4</sub>Cl.HCl-p was poured into the SiO<sub>2</sub> powder under stirring to prep. a microbicide, which was added to leaf mold at 10% and left under sunlight for 3 wk to show initial and final living cell no. 8.3 .times. 10<sup>3</sup> and 4.5 .times. 10<sup>3</sup>, resp.